

APPLICANT FACSIMILE OF FORM PTO-1449
REV 7-80

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY DOCKET NO.

SERIAL NO.

BBI-013C3CN2

09/281,674

APPLICANT

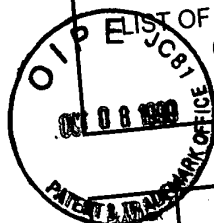
Bujard, H., Gossen, M., Salfeld, J. and Voss, J

FILING DATE

March 20, 1999

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LIST OF PUBLICATIONS CITED BY APPLICANT (Use several sheets if necessary)

U.S. PATENT DOCUMENTS

| INITIAL | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|---------|-----------------|-------|--------------|-------|----------|----------------------------|
| AA | 5,221,778 | 6/93 | Byrne et al. | 800 | 2 | |
| AB | 4,833,080 | 05/89 | Brent et al. | 435 | 172.3 | |

FOREIGN PATENT DOCUMENTS

| | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION | |
|----|--|-----------------|-------|---------|-------|----------|-------------|----|
| | | | | | | | YES | NO |
| AC | | WO 94/04672 | 03/94 | PCT | | | | |
| AD | | WO 92/20808 | 11/92 | PCT | | | | |
| AE | | WO 91/19784 | 12/91 | PCT | | | | |
| AF | | WO 93/04169 | 03/93 | PCT | | | | |
| AG | | WO 91/19796 | 12/91 | PCT | | | | |
| AH | | WO 92/11874 | 07/92 | PCT | | | | |
| AI | | EP 0 332 416 | 09/89 | EPO | | | | |
| AJ | | WO 93/23431 | 11/93 | PCT | | | | |
| AK | | WO 94/18317 | 08/94 | PCT | | | | |
| AL | | 0 455 687 B1 | 11/91 | EPO | | | | |
| AM | | 0 455 424 A3 | 11/91 | EPO | | | | |
| AN | | 0 494 724 A2 | 07/92 | EPO | | | | |

OTHERS (including Author, Title, Date, Pertinent Pages, Etc.)

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|---|--|--|--|----------------------------|--|
| AN | | 0 494 724 A2 | | 07752 | |
| OTHERS (including Author, Title, Date, Pertinent Pages, Etc.) | | | | | |
| AO | | Fieck, A., et al., (1992) "Modification of the <i>E. Coli</i> Lac Repressor for Expression in Eukaryotic Cells: Effect of Nuclear Signal Sequence on Protein Activity and Nuclear Documentation", <i>Nucleic Acid Research</i> , Vol. <u>20</u> , pp. 1785-1791; | | | |
| AP | | Seipel, K., et al., (1992) "Different activation domains stimulate transcription from remote ('enhancer') and proximal ('promoter') positions", <i>The EMBO Journal</i> , Vol. <u>11</u> , No. 13, pp. 4961-4968; | | | |
| AQ | | Epstein-Baak, R., et al., (1992) "Inducible Transformation of Cells from Transgenic Mice Expressing SV40 under Lac Operon Control", <i>Cell Growth & Differentiation</i> , Vol. <u>3</u> , pp. 127-134; | | | |
| Examiner | | msl | | Date Considered 5/21/00 | |
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OTHERS (including Author, Title, Date, Pertinent Pages, Etc.)

AR

Gossen, M., and Bujard, H., (1992) "Tight control of gene expression in mammalian cells by tetracycline-responsive promoters", *Proceedings of the National Academy of Science*, Vol. 89, pp. 5547-5551;

AS

Bradley, A., (1991) "Modifying the mammalian genome by gene targeting", *Current Opinion in Biotechnology*, Vol. 2, pp. 832-829;

AT

Wyborski, D.L., and Short, J.M., (1991) "Analysis of Inducers of the *E. Coli* Lac Repressor System in Mammalian Cells and Whole Animals", *Nucleic Acid Research*, Vol. 19, pp. 4647-4653;

AU

Degenkolb, J., et al., (1991) "Structural Requirements of Tetracycline-Tet Repressor Interaction: Determination of Equilibrium Binding Constants for Tetracycline Analogs with the Tet Repressor", *Antimicrobial Agents and Chemotherapy*, Vol. 35, No. 8, pp. 1591-1595;

AV

Baim, S.B., et al., (1991) "A chimeric mammalian transactivator based on the *lac* repressor that is regulated by temperature and isopropyl β -D-thiogalactopyranoside", *Proceedings of the National Academy of Science*, Vol. 88, pp. 5072-5076;

AW

Gatz, C., et al., (1991) "Regulation of a modified CaMV 35S promoter by the Tn 10-encoder Tet receptor in transgenic tobacco", *Mol. Gen. Genet.*, Vol. 227, No. 2, pp. 229-237;

AX

Labow, M.A., et al., (1990) "Conversion of the *lac* Repressor into an Allosterically Regulated Transcriptional Activator for Mammalian Cells", *Molecular and Cellular Biology*, Vol. 10, No. 7, pp. 3343-3356;

AY

Deuschle, U., et al., (1989) "Regulated expression of foreign genes in mammalian cells under the control of coliphage T3 RNA polymerase and *lac* repressor", *Proceedings of the National Academy of Science*, Vol. 86, pp. 5400-5404;

AZ

Capecci, M.R., (1989) "Altering the Genome by Homologous Recombination", *Science*, Vol. 244, pp. 1288-1292;

BA

Mermod, N., et al., (1989) "The Proline-Rich Transcriptional Activator of CTF/NF-1 Is Distinct from the Replication and DNA Binding Domain", *Cell*, Vol. 58, 741-753;

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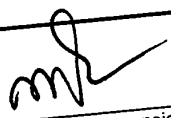
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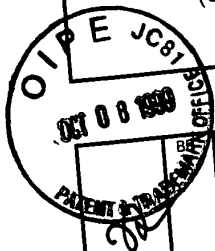
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1643-1632

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(Use several sheets if necessary)

OTHERS (including Author, Title, Date, Pertinent Pages, Etc.)

| | |
|-----------------|---|
| BC | Mansour, S.L., et al., (1988) "Disruption of the proto-oncogene <i>int-2</i> in mouse embryo-derived stem cells: a general strategy for targeting mutations to non-selectable genes", <i>Nature</i> , Vol. <u>336</u> , pp. 348-352; |
| BD | Gatz, C., and Quail, P.H., (1988) "Tn10-encoded <i>tet</i> repressor can regulate an operator-containing plant promoter", <i>Proceedings of the National Academy of Science</i> , Vol. <u>85</u> , pp. 1394-1397; |
| BE | Figge, J., et al., (1988) "Stringent Regulation of Stably Integrated Chloramphenicol Acetyl Transferase Genes by <i>E. coli lac</i> Repressor in Monkey Cells", <i>Cell</i> , Vol. <u>52</u> , 713-722; |
| BF | Triezenberg, S.J., et al., (1988) "Functional dissection of VP16, the <i>trans</i> -activator of herpes simplex virus immediate early gene expression", <i>Genes & Development</i> , Vol. <u>2</u> , pp. 718-729; |
| BG | Courey, A.J., and Tjian, R., (1988) "Analysis of Sp1 <i>In Vivo</i> Reveals Multiple Transcriptional Domains, Including a Novel Glutamine-Rich Activation Motif", <i>Cell</i> , Vol. <u>55</u> , pp. 887-898; |
| BH | Tovar, K., et al., (1988) "Identification and nucleotide sequence of the class E <i>tet</i> regulatory elements and operator and inducer binding of the encoded purified Tet repressor", <i>Mol. Gen. Genet.</i> , Vol. <u>215</u> , pp. 76-80; |
| BI | Brown, M., et al., (1987) " <i>lac</i> Repressor Can Regulate Expression from a Hybrid SV40 Early Promoter Containing a <i>lac</i> Operator in Animal Cells", <i>Cell</i> , Vol. <u>49</u> , pp. 603-612; |
| BJ | Hu, M.C-T and Davidson, N., (1987) "The Inducible <i>lac</i> Operator-Repressor System Is Functional in Mammalian Cells", <i>Cell</i> , Vol. <u>46</u> , pp. 555-566; |
| BK | Smithies, O., et al., (1985) "Insertion of DNA sequences into the human chromosomal β -globin locus by homologous recombination", <i>Nature</i> , Vol. <u>317</u> , pp. 230-234; |
| BL | Boshart, M., et al., (1985) "A Very Strong Enhancer Is Located Upstream of an Immediate Early Gene of Human Cytomegalovirus", <i>Cell</i> , Vol. <u>41</u> , No. 2, pp. 521-530; |
| | Brent, R. and M. Ptashne (1984) "A Bacterial Repressor Protein or a Yeast Transcriptional Terminator Can Block Upstream Activation of A Yeast Gene" <i>Nature</i> <u>312</u> :612-615; |
| Examiner |  |
| Date Considered | 5/21/00 |
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OTHERS (including Author, Title, Date, Pertinent Pages, Etc.)

BM

ding Author, Title, Date, Pertinent Pages, Etc.)
Brent R. and M. Ptashne (1985) "A Eukaryotic Transcriptional Activator Bearing the DNA
Specificity of a Prokaryotic Repressor" Cell 43:729-736;

BN

Postle, K., et al., (1984) "Nucleotide sequence of the repressor gene of the TN10 tetracycline resistance determinant", *Nucleic Acid Research*, Vol. 12, No. 12, pp. 4849-4863;

BO

Unger, B., et al., (1984) "Nucleotide sequence of the gene, protein purification and characterization of the pSC101-encoded tetracycline resistance-gene-repressor", *Gene*, Vol. 31, pp. 103-108;

BP

Unger, B., et al., (1984) "Nucleotide sequence of the repressor gene of the RA1 tetracycline resistance determinant: structural and functional comparison with three related Tet repressor genes", *Nucleic Acid Research*, Vol. 12, No. 20, pp. 7693-7703;

BQ

Waters, S.H., et al., (1983) "The tetracycline resistance determinants of RP1 and Tn1721: nucleotide sequence analysis", *Nucleic Acid Research*, Vol. 11, No. 17, pp. 6089-6105;

BR

Hillen, W., and Schollmeier, K., (1983) "Nucleotide sequence of the Tn10 encoded tetracycline resistance gene", *Nucleic Acid Research*, Vol. 11, No. 2, pp. 525-539;

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OTHERS (including Author, Title, Date, Pertinent Pages, Etc.)

| | | |
|---|----|--|
| <i>ca</i> | BS | Bergman, M. et al., "Overexpressed Csk Tyrosine Kinase is Localized in Focal Adhesions, Causes Reorganization of $\alpha\beta 5$ Integrin, and Interferes with He La Cell Spreading", <i>Molecular and Cellular Biology</i> , Vol. 15 (2), pp. 711-722 (1995); |
| | BT | Buckbinder, L. et al., "Gene Regulation by Temperature-Sensitive p53 Mutants: Identification of p53 Response Genes", <i>PNAS</i> , Vol. 91, pp. 10640-10644 (1994); |
| | BU | Damke, H. et al., "Induction of Mutant Dynamin Specifically Blocks Endocytic Coated Vesicle Formation", <i>The Journal of Cell Biology</i> , Vol. 127 (4), pp. 915-934 (1994); |
| | BV | Damke, H. et al., "Tightly Regulated and Inducible Expression of Dominant Interfering Dynamin Mutant in Stably Transformed HeLa Cells", <i>Methods in Enzymology</i> , Vol. 257, pp. 209-220 (1995); |
| | BW | Dhawan, J. et al., "Tetracycline-Regulated Gene Expression Following Direct Gene Transfer into Mouse Skeletal Muscle", <i>Somatic Cell and Molecular Genetics</i> , Vol. 21 (4), pp. 233-240 (1995); |
| | BX | Efrat, S. et al., "Conditional Transformation of a Pancreatic β -cell line Derived from Transgenic Mice Expressing a Tetracycline-regulated Oncogene", <i>PNAS</i> , Vol. 92, pp. 3576-3580 (1995); |
| | BY | Englert, C. et al., "WT1 Suppresses Synthesis of the Epidermal Growth Factor Receptor and Induces Apoptosis", <i>EMBO Journal</i> , Vol. 14 (19), pp. 4662-4675 (1995); |
| | BZ | Fishman, G. et al., "Tetracycline-regulated Cardiac Gene Expression in Vivo", <i>Journal of Clinical Investigation</i> , Vol. 93, pp. 1864-1868 (1994); |
| | CA | Fruh, K. et al., "Displacement of Housekeeping Proteasome Subunits by MHC-encoded LMPs: a Newly Discovered Mechanism for Modulating the Multicatalytic Proteinase Complex", <i>EMBO Journal</i> , Vol. 13 (14), pp. 3236-3244 (1994); |
| | CB | Fruh, K. et al., "A Viral Inhibitor of Peptide Transporters for Antigen Presentation", <i>Nature</i> , Vol. 375, pp. 415-418 (1995); |
| | CC | Haase, S. et al., "Transcription Inhibits the Replication of Autonomously Replicating Plasmids in Human Cells", <i>Molecular and Cellular Biology</i> , Vol. 14 (4), pp. 2516-2524 (1994); |
| | CD | Hennighausen, L. et al., "Conditional Gene Expression in Secretory Tissues and Skin of Transgenic Mice Using the MMTV-LTR and the Tetracycline Responsive System", <i>Journal of Cellular Biochemistry</i> , Vol. 59, pp. 463-472 (1995); |
| <i>ro</i> | CE | Maheswaran, S. et al., "The WT1 Gene Product Stabilizes p53 and Inhibits p53-mediated Apoptosis", <i>Genes & Development</i> , Vol. 9, pp. 2143-2156 (1995); |
| Examiner <i>ml</i> | | Date Considered <i>5/21/00</i> |
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U.S. PATENT DOCUMENTS

| | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|--|----|-----------------|-------|---------------|-------|----------|-------------------------------|
| | CM | 5,464,758 | 11/95 | Gossen et al. | 435 | 69.1 | |
| | CN | 5,545,808 | 8/96 | Hew et al. | 800 | 2 | |
| | CO | 5,595,895 | 1/97 | Miki et al. | 435 | 172.3 | |

FOREIGN PATENT DOCUMENTS

| | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION | |
|--|----|-----------------|-------|---------|-------|----------|-------------|----|
| | | | | | | | YES | NO |
| | CP | WO 96/01313 | 01/96 | PCT | | | | |
| | CQ | WO 94/29442 | 12/94 | PCT | | | | |
| | CR | WO 91/13979 | 9/91 | PCT | | | | |

OTHERS (including Author, Title, Date, Pertinent Pages, Etc.)

| | | |
|--|----|--|
| | CS | Ackland-Berglund, C.E. and Leib, D.A. (1995) <i>BioTechniques</i> 19:216-217; |
| | CT | Ackland-Berglund, C.E. and Leib, D.A. (1995) "Efficacy of Tetracycline-Controlled Gene Expression Is Influenced by Cell Type" <i>BioTechniques</i> 18(2):196-200; |
| | CU | Agarwal, M.L. et al., "p53 Controls Both the G ₂ /M and the G ₁ Cell Cycle Checkpoints and Mediates Reversible Growth Arrest in Human fibroblasts," <i>Proceedings of the National Academy of Science, Sci. USA</i> , 92: pp. 8493-8497 (1995); |
| | CV | Altschmied, L. et al., (1988) "A threonine to alanine exchange at position 40 of Tet repressor alters the recognition of the sixth base pair of <i>tet</i> operator from GC to AT", <i>The EMBO Journal</i> , 7(12):4011-4017; |
| | CW | Baniahmad, A. et al. (1992) "A Transferable Silencing Domain Is Present In the Thyroid Hormone Receptor, In the v-erbA Oncogene Product and In the Retinoic Acid Receptor" <i>The EMBO Journal</i> 11(3):1015-1023; |
| | CX | Baumeister, R. et al.(1992)"Tet Repressor Tet Operator Interactions Derived From Mutants With New Recognition Specificities", <i>Structural Tools For The Analysis Of Protein-Nucleic Acid Complexes Advances In Life Sciences</i> , Birkhauser, Basel ;Boston, pp. 175-183; |
| | CY | Baumeister, R. et al.(1992)"Contacts Between Tet Repressor And Tet Operator Revealed By New Recognition Specificities Of Single Amino Acids Replacement Mutants", <i>Journal Of Molecular Biology</i> , Vol. 226, pp. 1257-1270; |
| | CZ | Baumeister, R. et al.(1992)"Functional Roles Of Amino Acid Residues Involved In Forming THE.Alpha.-helix-turn-.alpha.-helix operator DNA Binding Motif Of Tet repressor From Tn10", <i>Proteins: Structure, Function, and Genetics</i> , Vol. 14(2), pp. 168-177; |
| | DA | Bradley, A., (1992)"Modifying The Mouse: Design And Desire", <i>Biotechnology</i> , Vol. 10, pp. 534-539; |

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| | | |
|--|----|--|
| | | Cayrol, C. et al. "Identification of Cellular Target Genes of the Epstein-Barr Virus Transactivator Zta: Activation of Transforming Growth Factor β h3 (TGF- β h3) and TGF- β 1", <i>Journal of Virology</i> , 69, No. 7, pp. 4206-4212, (1995); |
| | DC | Chen, Y.Q. et al. "Tumor Suppression by p21 ^{WAF1} ", <i>Cancer Research</i> , 55, pp. 4536-4539, (1995); |
| | DD | Coghlan, A. "Gene dream fades away" <i>New Scientist</i> 148, pp. 14-15, (1995); |
| | DE | Cowell, "Repression versus activation in the control of gene transcription," <i>Trends in Biochemical Sciences</i> , 19:1, 38-42 (1994); |
| | DF | Crystal, R.G. "Transfer of Genes to Humans: Early Lessons and Obstacles to Success", <i>Science</i> 270, pp. 404-410 (1995); |
| | DG | Daddona et al., "Human Adenosine Deaminase." <i>J. Biol. Chem.</i> 259: 12101-12106(1984); |
| | DH | Deuschle et al., "Tetracycline-reversible silencing of eukaryotic promoters," <i>Mol. Cell. Biol.</i> , 15:4, 1907-1914 (1995); |
| | DI | Ebert, K.M. et al. (1988) "A Moloney MLV-Rat Somatotropin Fusion Gene Produces Biologically Active Somatotropin in a Transgenic Pig." <i>Molecular Endocrinology</i> 2(3): 277-283; |
| | DJ | Fields, S. et al (1989) "A novel genetic system to detect protein-protein interactions" <i>Nature</i> 340: 245-246; |
| | DK | Figge, J., et al., (1988) "Stringent Regulation of Stably Integrated Chloramphenicol Acetyl Transferase Genes by <i>E. coli lac</i> Repressor in Monkey Cells", <i>Cell</i> 52:713-722; |
| | DL | Frankel, F.D. et al (1988) "Tat Protein from Human Immunodeficiency Virus Forms a Metal-Linked Dimer" <i>Science</i> 240: 70-73; |
| | DM | Furth P. (1994) "Temporal Control of Gene Expression in Transgenic Mice By A Tetracycline-Responsive Promoter" <i>Proc. Natl. Acad. Sci. USA</i> 91:9302-9306; |
| | DN | Gatz et al. "Stringent repression and homogeneous de-repression by tetracycline of a modified CaMV 35S promoter in intact transgenic tobacco plants," <i>The Plant Journal</i> , 2:3, 397-404 (1992); |
| | DO | Gatz, C. et al. "Regulation of a modified CaMV 35S Promoter by the Tn 10-encoder Tet repressor in Transgenic Tobacco" <i>Mol. Gen. Genet.</i> 227(2):229-237 (1991); |
| | DP | Gjetting, T. et al. "Regulated Expression of the Retinoblastoma Susceptibility Gene in Mammary Carcinoma Cells Restores Cyclin D1 Expression and G ₁ -Phase Control", <i>Biol. Chem. Hoppe-Seyler</i> , 376, pp. 441-446 (1995); |
| | DQ | Gossen M. and B. Hermann (1993) "Anhydrotetracycline, A Novel Effector of Tetracycline Controlled Gene Expression Systems In Eukaryotic Cells" <i>Nucleic Acids Research</i> 21(18):4411-4412; |
| | DR | Gossen, M., et al., (1993) "Control of gene activity in higher eukaryotic cells by prokaryotic regulatory elements", <i>TIBS</i> 18(12):471-475; |

ExaminerDS

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| | |
|----|---|
| DT | Gossen et al., "Exploiting prokaryotic elements for the control of gene activity in higher eukaryotics," Keystone Symposium on Gene Therapy and Molecular Medicine, Steamboat Springs, Colorado, <i>Journal of Cellular Biochemistry</i> , Supplement 0 (21A), Abstract no. C6-220, 355 (1995); |
| DU | Gossen et al. (1994) "Inducible Gene Expression Systems For Higher Eukaryotic Cells" <i>Current Opinion in Biotechnology</i> 5:516-520; |
| DV | Gossen et al., "Transcriptional activation by tetracyclines in mammalian cells," <i>Science</i> , 268:5218, 1766-1769 (1995); |
| DW | Gunzburg, W.H. and Salmons, B. "Virus vector design in gene therapy", <i>Molecular Medicine Today</i> 1, pp. 410-417, (1995); |
| DX | Hammer, R.E. et al. (1986) "Genetic Engineering of Mammalian Embryos." <i>J. Anim. Sci.</i> 63: 269-278; |
| DY | Hecht, B., et al., (1993) "Noninducible Tet Repressor Mutations Map from the Operator Motif to the C Terminus", <i>Journal of Bacteriology</i> 175(4); |
| DZ | Herschbach B. and A. Johnson (1993) "Transcriptional Repression In Eukaryotes" <i>Annu. Rev. Cell Biol.</i> 9:479-509; |
| EA | Hinrichs, W., et al., (1994) "Structure of the Tet Repressor-Tetracycline Complex and Regulation of Antibiotic Resistance", <i>Science</i> 264:418-420; |
| EB | Howe, J.R. et al., (1995) "The Responsiveness of a Tetracycline-Sensitive Expression System Differs in Different Cell Lines", <i>The Journal of Biological Chemistry</i> , 270, No. 23, pp. 14168-14174; |
| EC | Houdebine, L.-M. (1994) "Production of Pharmaceutical Proteins From Transgenic Animals", <i>Journal Of Biotechnology</i> Vol. 34, pp. 269-287; |
| ED | Kao, C.C., et al. (1990) "Cloning of a Transcriptionally Active Human TATA Binding Factor" <i>Science</i> 248: 1646-1650; |
| EF | Kappel, C.A., et al., (1992) "Regulating Gene Expression In Transgenic Animals", <i>Current Opinion In Biotechnology</i> , Vol. 3, pp. 548-553; |
| EG | Krimpenfort, P. et al. "Generation of Transgenic Dairy Cattle Using 'in vitro' Embryo Production." <i>BIO/Technology</i> 9, pp. 844-847 (1991); |
| EH | Landschulz, W.H. et al. (1989) "The DNA Binding Domain of the Rat Liver Nuclear Protein C/EBP is Bipartite" <i>Science</i> 243: 1681-1688; |
| EI | Liang et al., (1995) "Enhanced and switchable expression systems for gene-transfer," Keystone Symposium on Gene Therapy and Molecular Medicine, Steamboat Springs, Colorado, <i>Journal of Cellular Biochemistry</i> , Supplement 0 (21A), Abstract no. C6-220, 379; |
| EJ | Licht, J. et al. (1990) "Drosophila Krüppel Protein is a Transcriptional Repressor" <i>Nature</i> 346:76-79; |
| EK | Marshall, E. "Gene Therapy's Growing Pains" <i>Science</i> 269, pp. 1050-1055 (1995); |
| | Mastrelangelo et al "Gene Therapy for Human Cancer: An Essay for Clinicians" <i>Seminars in Oncology</i> 23 (1), pp. 4-21 (1996); |

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Date Considered

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OTHERS (including Author, Title, Date, Pertinent Pages, Etc.)

| | | |
|----|----|---|
| OK | EM | McKnight, S.L., (1984) "The Distal Transcription Signals of the Herpesvirus <i>tk</i> Gene Share a Common Hexanucleotide Control Sequence" <i>Cell</i> 37: 253-262; |
| | EN | Mendez, B. et al. "Heterogeneity of tetracycline resistance determinants" <i>Plasmid</i> 3 pp. 99-108 (1980); |
| | EO | Muller, G., et al. (1995) "Characterization Of Non-Inducible Tet Repressor Mutants Suggests Conformaional Changes Necessary For Induction", <i>Nature Structural Biology</i> , Vol. 2(8), pp. 693-703; |
| | EP | Mullins, L.J. and Mullins, J.J. (1996) "Transgenesis in the Rat and Larger Mammals." <i>J. Clin. Invest.</i> 98(11) Supplement 1996: S37-S40; |
| | EQ | Murre, C. et al. (1989) "Interactions Between Heterologous Helix-Loop-Helix Proteins Generate Complexes That Bind Specifically to a Common DNA Sequence" <i>Cell</i> 58: 537-544; |
| | ER | Notarianni, et al., (1994) "Production of pharmaceutical proteins from transgenic animals", <i>Journal of Reproduction and Facility</i> , Vol. 41, pp. 51-56; |
| | ES | Orkin, S. H. and Motulsky, A.G. "Report and recommendations of the panel to assess the NIH investment in research on gene therapy" Dec. 7, 1995. |
| | ET | Pescini R. et al. (1994) "Inducible Inhibition of Eukaryotic Gene Expression" <i>Biochemical and Biophysical Research Communications</i> 202(3):1664-1667; |
| | EU | Pursel et al. "Genetic engineering of livestock" <i>Science</i> 244, pp. 1281-1288 (1989); |
| | EV | Renkawitz R. (1990) "Transcriptional Repression In Eukaryotes" <i>TIG</i> 6(6):192-193; |
| | EW | Salter, et al. "Transgenic chickens: insertion of retroviral genes into the chicken germ line" <i>Virology</i> 157, pp. 236-240 (1987); |
| | EX | Sato, K. et al. (1986) "A specific DNA Sequence Controls Termination of Transcription in the Gastrin Gene" <i>Molecular and Cellular Biology</i> 6(4): 1032-1043; |
| | EY | Sauer, F. and H. Jäckle (1993) "Dimerization and the Control of Transcription by Krüppel" <i>Nature</i> 364:454-457; |
| | EZ | Seamark, R.F. (1994) "Progress and Emerging Problems in Livestock Transgenesis: a Summary Perspective." <i>Reprod. Fertil. Dev.</i> 6: 653-657; |
| | FA | Strojek, et al. (1988) "The Use Of Transgenic Animal Techniques For Livestock Improvement", <i>Genetic Engineering, Principles and Methods</i> , Vol 10, pp. 221-246; |
| | FB | Wall, R.J., (1996) "Transgenic Livestock: Progress and Prospects For The Future" <i>Theriogenology</i> , Vol. 45, pp. 57-68; |
| | FC | Weinmann P. et al. (1994) "A Chimeric Transactivator Allows Tetracycline-Responsive Gene Expression in Whole Plants" <i>The Plant Journal</i> 5(4):559-569; |
| | FD | Sizemore, C. et al. (1990) "Quantitative Analysis of Tn10 Tet Repressor Binding To A Complete Set Of Tet Operator Mutants", <i>Nucleic Acids Research</i> , Vol. 18(10), pp. 2875-2880; |
| m | | Wissmann, A. et al. (1991) "Selection for Tn10 Tet Repressor Binding to tet Operator in <i>Escherichia coli</i> : Isolation of Temperature-Sensitive Mutants and and combinatorial Mutagenesis in the DNA Binding Motif" <i>Genetics</i> 128:225-232; |

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Wissmann, A., et al., (1991) "Amino Acids Determining Operator Binding Specificity In The Helix-Turn-Helix Motif Of Tn10 Tet Repressor", *The EMBO Journal*, Vol. 10(13), pp. 4145-4152;

Yarranton G. (1992) "Inducible Vectors For Expression In Mamalian Cells" *Current Opinion in Biotechnology* 3:506-511.

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